



Product designation				MODULAR CONTACTOR
Product type designation				CN
Operating voltage type				AC/DC
Number of poles				2
Number of DIN modules				1
<b>Electrical features</b>				
IEC Conventional free air thermal current I <sub>th</sub>	A			20
Operational current AC1 and AC-7a ≤400V	A			20
Operational current AC-3 and AC-7b ≤400V	A			9
Rated insulation voltage U <sub>i</sub> IEC/EN	V			440
Rated impulse withstand voltage U <sub>imp</sub>	kV			4
Minimum switching capacity				≥17V ≥50mA
Power dissipation per pole (average value) I <sub>th</sub>	W			1.7
<b>Control circuit</b>				
Auxiliary rated supply voltage U <sub>s</sub>				24VAC/DC
Auxiliary contacts				
	NC	Nr.		2
Average coil consumption ≤20°C				
	in-rush	W		2.5
	holding	W		2.5
Operating voltage				
	pick-up			
		min	%U <sub>s</sub>	85
		max	%U <sub>s</sub>	110
	drop-out			
		min	%U <sub>s</sub>	20
		max	%U <sub>s</sub>	75
<b>Operating times</b>				
Average time				
	Closing NO			
		min	ms	15
<b>Operations</b>				
Mechanical life			cycles	300000
Electrical life AC1			cycles	200000
<b>Ambient conditions</b>				
Operating temperature				
		min	°C	-15
		max	°C	55
Storage temperature				
		min	°C	-40
		max	°C	80
Max altitude			m	2000
<b>Mechanical features</b>				
Fixing	DIN rail 35mm			

Tightening torque for coil terminal

max	Nm	0.6
max	lbin	0.6

Tightening torque for terminals

max	Nm	1.2
max	lbin	0.9

Conductor section

Coil terminal

min	mm <sup>2</sup>	1
max	mm <sup>2</sup>	2.5

Power terminal

min	mm <sup>2</sup>	1
max	mm <sup>2</sup>	10

Terminals tool

PZ2

Weight

g 135

**Resistance & Protection**

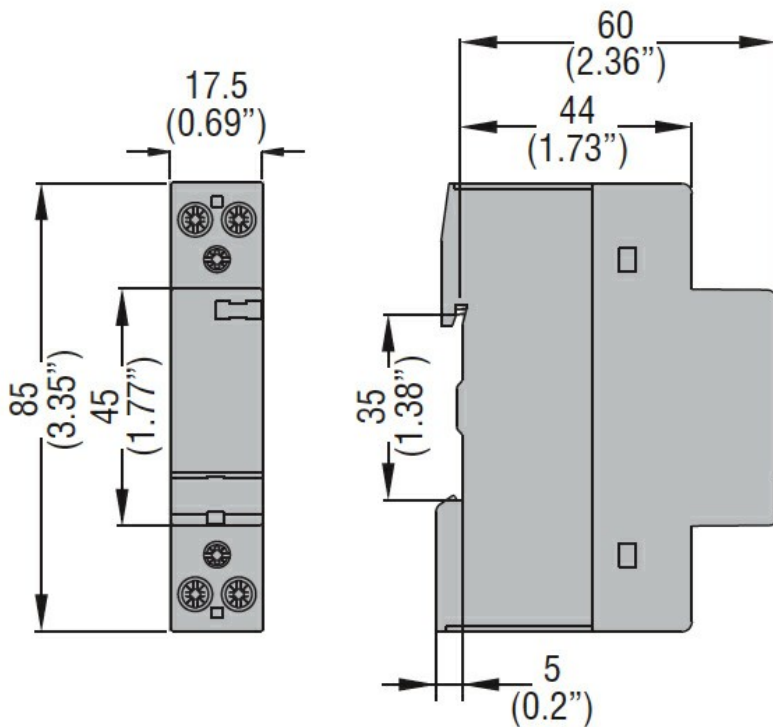
Frontal IP degree

IP20

Pollution degree

3

**Dimensions**



**Certifications and compliance**

Compliance

IEC/EN 60947-1  
IEC/EN 60947-4-1  
IEC/EN 60947-5-1  
IEC/EN 61095

Certificates

EAC

**ETIM classification**

ETIM 8.0

EC001653 -  
Installation  
contactor for  
distribution board